

**IRRIGATION PIT OR REGULATING RESERVOIR**

Irrigation Pit

**Design Survey**

The following information will be obtained and recorded in the field notes:

- a. Needed elevations to establish location of pit and placement of excavated material.
- b. Soils investigations.

**Design Data**

The following will be considered minimum in the design of all excavated pits. The following will be recorded in the notes or in the design notes:

- a. Log of soil investigation.
- b. Capacity.
- c. Hydrology.
- d. Computation of quantities.

**Drawings and Specifications**

The construction drawings shall include but will not be limited to the following:

- a. Plan and maximum cross-section of excavation.
- b. Drill hole log.
- c. Table of quantities.
- d. Location map.

Practice specifications along with applicable "Items of Work and Construction Details" will be provided for each item or phase of construction.

**Layout Survey Notes**

The layout will normally be combined with the design survey. All information regarding slope and corner stakes shall be entered in the field notes.

Irrigation Pit or Regulating Reservoir Documentation 552-A

**Compliance Checks**

Compliance checks during construction are not usually necessary. If a check is made, the result shall be recorded in the field notes. The results of the final compliance check shall be recorded in the field notes. The final compliance check shall include but will not be limited to the following:

- a. Elevation top and bottom four corners.
- b. Dimensions of top and bottom.
- c. Cross-section of excavation.
- d. Statement of compliance.

**As-Built Plans**

As-Built plans shall be prepared for all structures. These drawings shall reflect all significant changes in linear measurements, quantities, alignments or design changes. If there were no significant changes, the original drawings shall be marked "As-Built".